T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
	19781 —		
	79123 —		
	118684 —		
	19781 —		
	1978 —		
	36889 —		
	500 —		
	276736 — 00		

M. A. R. 57 (Rule 116)
Measurement Book

No. B BR-58

Serial No. ..... 1st and final Bill

Name of Work ..... Drain and Asphalty From to Agency at Tajpur and Bridalgy 249438

Name of Contractor of nature of Agency ..... Dhaka, Tajpur Road

Date of commencement of work ..... D-O-Receipt. 15/05/2015 In Wud no. 03

15-5-15

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Estimated cost Rs. 20.00 lakh.						
	DB. no = 003-1st 000006						
	Work order. no : EE/BJP/BBMP/T-PMT/08(14144)2010/243/ 2014-15 Dt. 24.01.2015						
	Name of Agency : B. Chandrashekhar.						
(1)	Earthwork excavation by manual means in ordinary						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Soil finishing an average height of thrown upto 2m and an average lift upto 0.300m, Excavated surface levelled and sides neatly shaved, the dispersed earth to be levelled neatly after breaking clods etc complete as per specifications and directions of Engineer-Incharge of work						
			Ch. made. this MB-P				
			R.W-(1) 1353.584 3 C 75/4				41548
2)	Excavating existing stone metal layer upto 75mm thickness along with thin bituminous surface, picking						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	up dismantled materials with le material, and sta with load of lorry, aggregate with fr consolidating an specifications inclu Machineries etc

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
throughout 2m			
excavated surface			
the dispersed earth			
by clods etc complete			
& approved. Including			
e. the rate.			
① 453.54 m³ @ 75/-			41575/-
layer upto 75mm			
Surface, picking			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 249439
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	up decayed materials and stacking of old serviceable materials with lead of 100m, picking up decayed material, and stacking old serviceable materials with lead of 100m, sequence spreads of the damaged aggregate with fresh aggregate as prepared base and consolidating as per Water bound macadam specifications including all labours, tools & machineries etc complete as per specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2.	3	4	5	6	7	8
			Qty made this bill				
			= 2288 sq 82.94			189767.00	
3)	providing, laying, spreading, and Compacting graded stone aggregate to wet mix macadam, specification includes premixing the material with water at one in mechanical mix plant, Conveyance of mixed material by tipper to site, laying in uniform layer with paver in. distributor / hand courses on well prepared surface and Compacting with vibratory Roller to achieve required density, all complete as per specification						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	and directions of
5)	Clearing the existing wo removing binding ma with wire brushes and brooms or dough br old quary bags and

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
e this MB			
22 88 42 e 82.94			189767.00
pacing graded			
ms specifications			
ith Water at one			
mixed material			
lays with proper			
prepared surface			
ollow to achieve the			
the specified			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249440

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	and directions of	Engineer-in-charge of the work.					543085.00
		Sty rode MB					
			377.52	3 e 1438-56			
1)	Clearing the existing WBM - Road surface including removing binding materials and other foreign matters with wire brushes and steel picks, sweeping with brooms or coir brushes and finally dusting with old gunny bags and						
	reconditioned and to received						

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		d for surfaces	
		Ambient dust	
		surface with	
		tumes tanker	
		) clean of Road	
		ad, labour	
		ance specifi	
		n charge of	
		ge II No. (4)	223560.00

74-52 Ltr

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

249443

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
4)	Providing and laying semi-dense bituminous carpet using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, Rolling with smooth wheeled vibratory and tandem Roller to achieve the desired compaction as per morth specifications clause no 508 complete in all						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	respects as per specifications with 100-120 TPH. Capacity. Hmp with diesel power pack-5 (25-300 mm) with 5hp. (RMS- grade etc complete as per specifications and directions of Engineer-In-charge of work.						
	Depression filling	1	12.50	3.20	0.025	1.00	
	Approach-layout work R.H	1	15.20	2.95	0.025	1.12	
		1	9.80	2.80	0.025	0.69	
		1	8.15	2.65	0.025	0.54	
	Additional approach layout work	1	15.00	2.25	0.025	1.03	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	Cross - Roy
	9) Approach layout R.H Road from the Road to the

NT BOOK

mensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
...s 140-120 TPM.			
...over grading-II			
...grade etc complete			
...ches of Engine.			
3.20	0.025	1.44	
2.95	0.025	1.13	
2.80	0.025	0.69	
2.65	0.025	0.99	
2.75	0.025	1.03	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 249444
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents Avg 7	Reference to last Measurement 8
	Cross-Rwy	1	22.40	2.95	0.025	1.62	
		1	16.10	2.80	0.025	1.13	
		1	12.20	3.10	0.025	0.96	
		1	19.80	3.05	0.025	1.51	
		1	18.40	2.55	0.025	1.17	
	9) Agency Layout work Road from Friendly Road to RWY	1	30.40	4.70	0.025	3.53	
		1	30.40	(4.7+5.0)/2	0.025	3.83	
		1	30.40	(5.0+5.2)/2	0.025	3.45	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6 Avg	7	8
		1	30.40	$\frac{3.2+3.8}{2}$	0.025 = 2.85		
		1	30.40	$\frac{3.8+4.2}{2}$	0.025 = 3.40		
		1	30.40	$\frac{4.2+4.2}{2}$	0.025 = 3.15		
		1	30.40	$\frac{4.2+4.3}{2}$	0.025 = 3.19		
		1	30.40	$\frac{4.3+4.8}{2}$	0.025 = 3.34		
		1	30.40	$\frac{3.8+4.2+3.1}{3}$	0.025 = 2.90		
		1	30.40	$\frac{3.10+4.4}{2}$	0.025 = 3.40		
		1	24.20	$\frac{4.60+5.8}{2}$	0.025 = 2.42		

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	To RCRoss-Rd
	Verified Ryaly 15/5

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
3	0.025 = 2.8		
4	4.2 0.025 = 3.6		
+4.2	0.025 = 3.15		
+4.3	0.025 = 3.19		
3+4.8	0.025 = 3.24		
+4.2+3.1	0.025 = 2.9		
+4.4	0.025 = 3.4		
4.0+5.8	0.025 = 2.42		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 249445

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	C/o RCross-Ruv	1	30.40	4.6+4.4/2	0.025	3.38	
		1	30.40	4.4+4.5/2	0.025	3.34	
		1	7.40	4.50+5.10/2	0.025	0.85	
		1	30.40	5.0+4.3+4.8/3	0.025	3.53	
		1	30.40	4.8+4.7+5.3/3	0.025	3.68	
		1	30.40	5.2+4.8/2	0.025	3.70	
		1	22.80	4.8+5.4/2	0.025	2.87	

Verified
Ryal 15/5

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cc Sr. Ddb. Lining of Storm Rly	1	30.00	$\frac{4.0+3.9}{2}$	0.025	2.94	
		1	30.00	$\frac{3.9+4.3}{2}$	0.025	3.08	
		1	30.00	$\frac{4.3+4.2}{2}$	0.025	3.19	
		1	30.00	$\frac{4.2+4.3}{2}$	0.025	3.26	
		1	30.00	$\frac{4.3+4.2}{2}$	0.025	3.26	
		1	5.00	$\frac{4.2+4.2}{2}$	0.025	0.53	
						82.6443	
		2+1	00			82.5043	913275.00

Cafe & verified
Dy 15/5/15
EE/BHP.

e 11070.00/1²

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
7	Lead for Disp... Conveyance rate by ... and unloading ... specification ... Work.

K

epth 6	Contents 7	Reference to last Measurement 8
	0.025 · 2.24	
	0.025 · 3.08	
	0.025 · 3.19	
	0.025 · 3.26	
	0.025 3.26	
	0.025 · 0.33	
	82.644³	
	82.504³	913275.00

1070.00/1³

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249446

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
7)	Lead for Disposal of debris shall be payable at Conveyance rate by mechanical means including loading and unloading from. Work 2.00 km. as completed on per specification and direction of Engineer-in-charge of Work.						
	Qty as per M.B. No-①					1553.58 m³	
	LHB					415.18 m³	
	@73.57/m³						30545.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total R.		19,78,351.00
	Certificate						
	(1) Certified that the contractor has Work done satisfactorily						
	(2) The contractor has removed the debris from site.						
	(3) there is no any depth materials issued to Contractor						
	15/05/18						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	Note: Work done deta in Road History

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
	Total R.		19,78,351.00
m	Work done		
u	debris fm		
)	issued to		

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

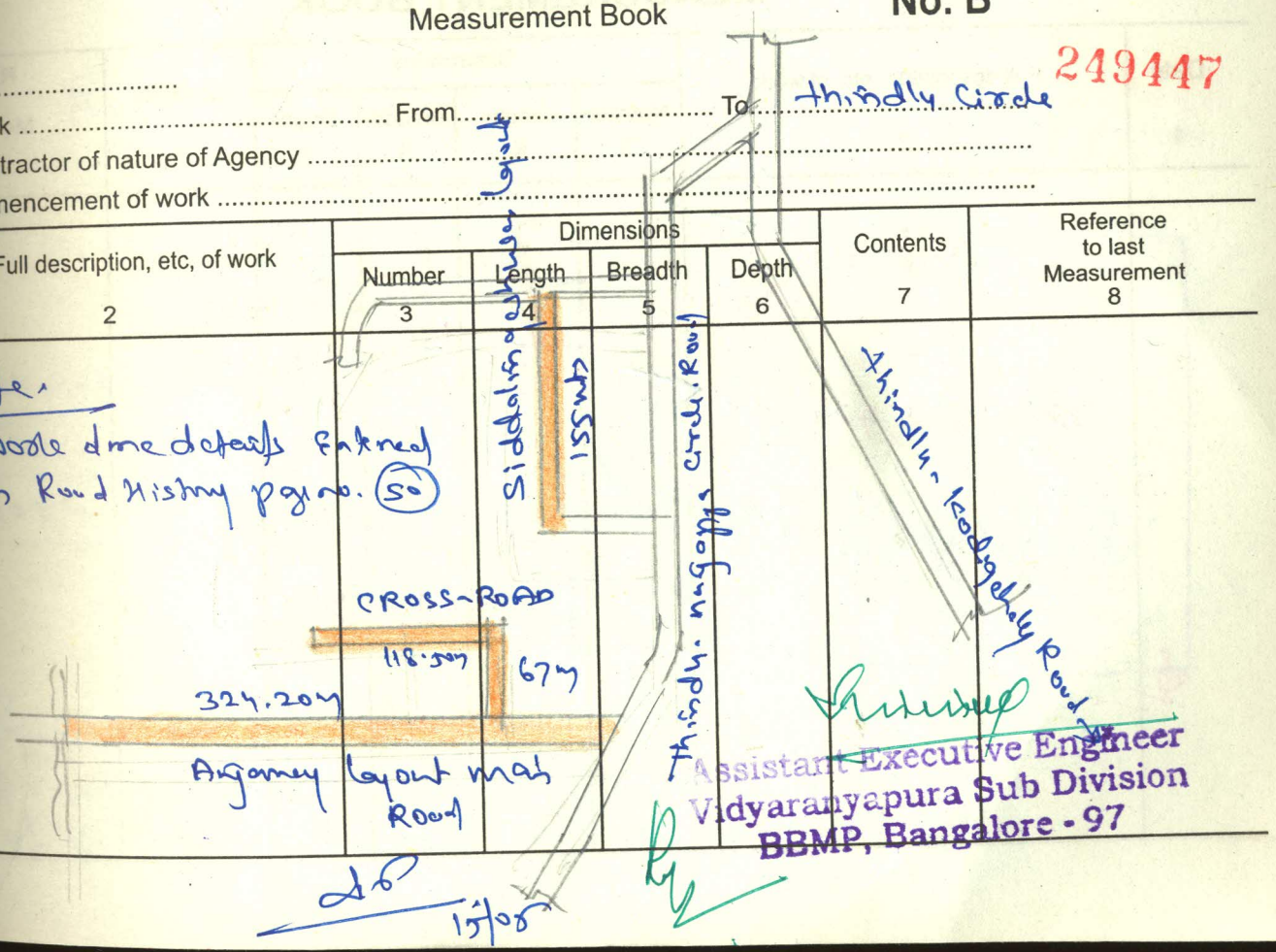
M. A. R. 57 (Rule 116)
Measurement Book

No. B

249447

Serial No. .....
Name of Work ..... From ..... To Thindlu Circle
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Note: Work done details entered in Road History page no. (50)						



15/05

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1978350=00 282627=00 1695723=00			IT — 19784 VAT — 79134 FD — 118701 LWF — 19784 CESS — 1978 ROY — 43246 Total — 282627=00			

Serial No. .....
Name of Work ..... Providing and
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Estimated cost Work code Work order. no Providing and 2.1×0.90 wt al of ht 1.23mh